Fig. 1

WASH WITH CALCIUM
SOLUTION AND SUSPEND
IN MONOMER SOLUTION

SOAKED
IN
DYE
SOLUTION

IRRADIATE
WITH
LASER

ALGINATE-POLYLYSINE-
ALGINATE MICROSPHERE

ADSORBED DYE
EOSINE SOLUTION

PEG GEL
LAYER

PEG MOMONER-
TRIETHANOL
AMINE SOLUTION

Fig. 2a

1) WETTED WITH MONOMER
SOLUTION
2) SUSPENDED IN
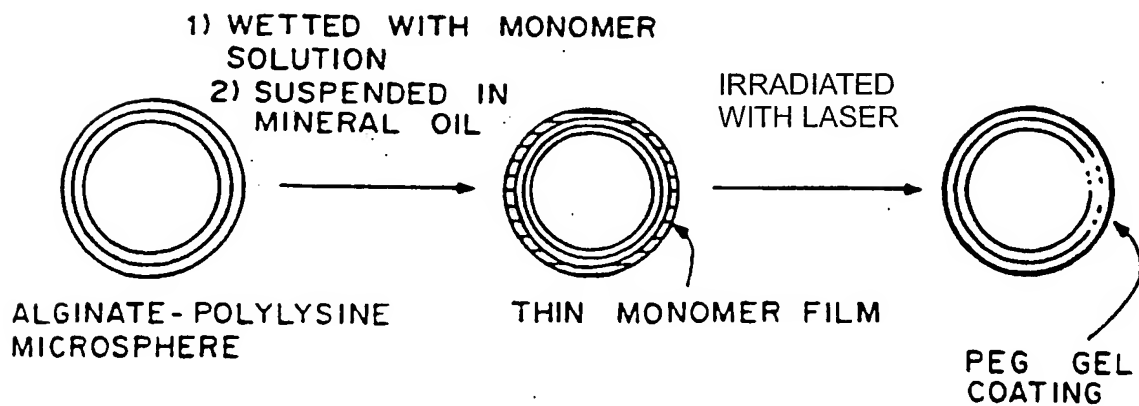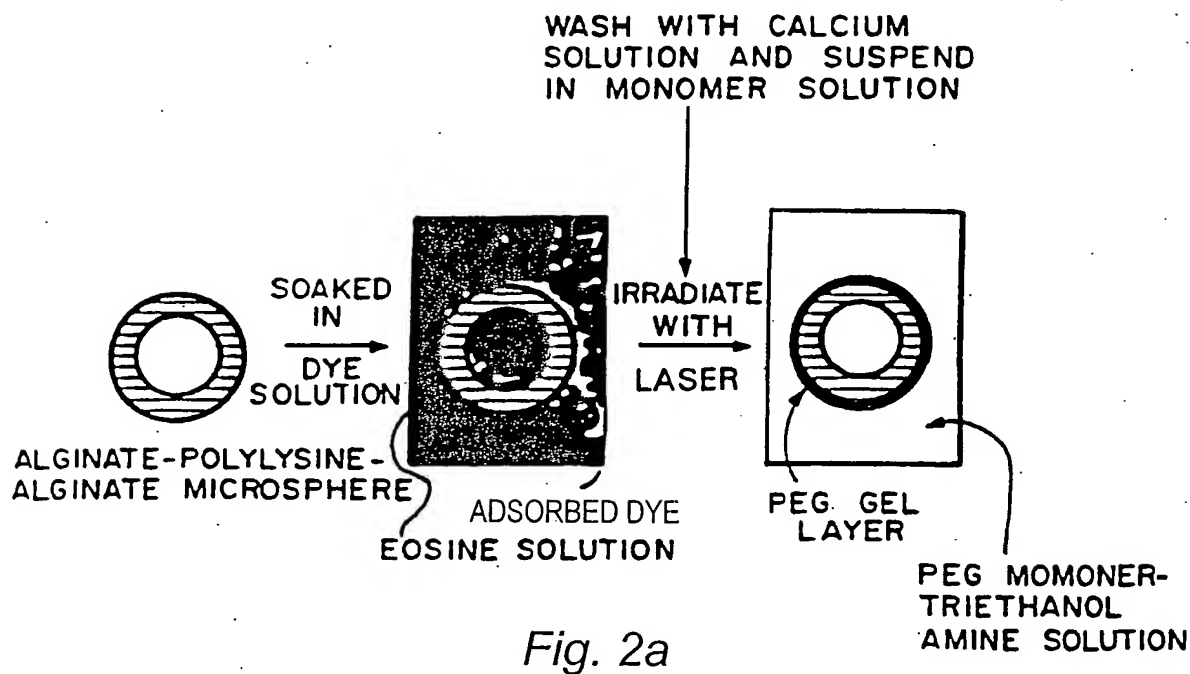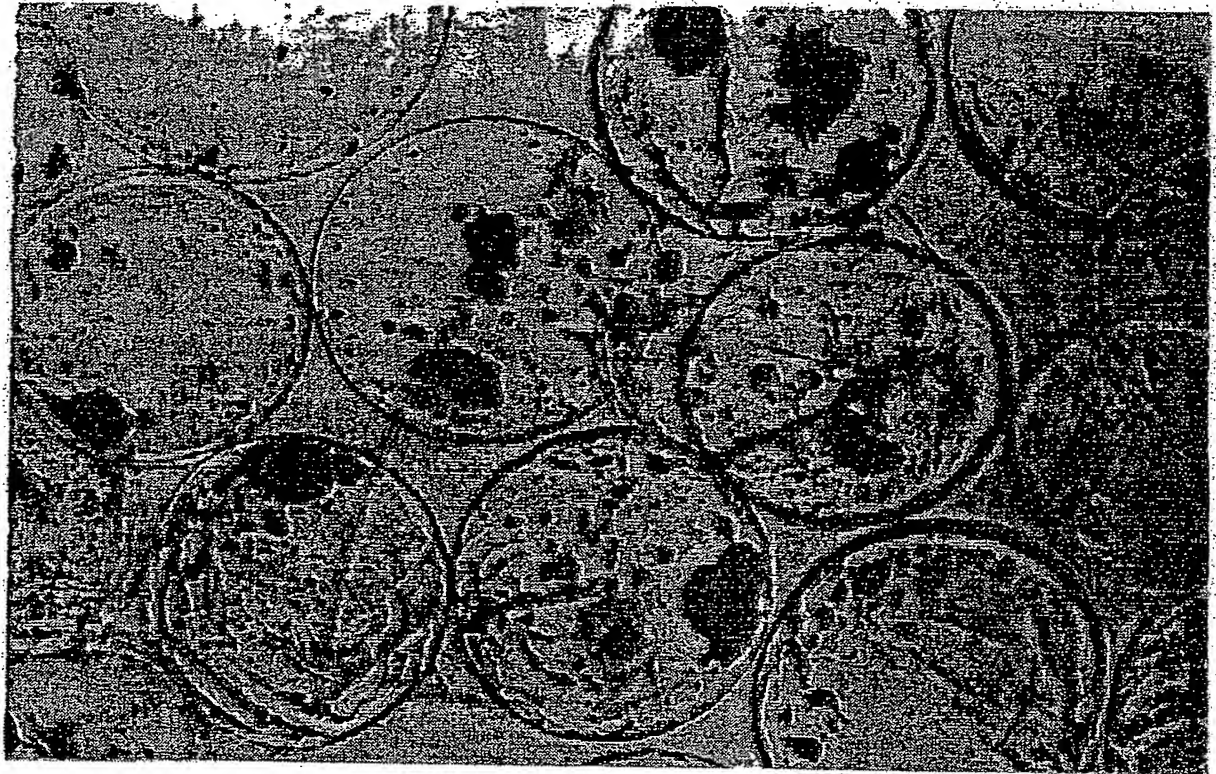MINERAL OIL

IRRADIATED
WITH LASER

ALGINATE-POLYLYSINE
MICROSPHERE

THIN MONOMER FILM

PEG GEL
COATING

Fig. 3

Fig. 2B

Fig. 4

LL SUSPENSION INPUT

OIL OR AIR INPUT

ANNULAR SECTION

DROPLET OUTPUT

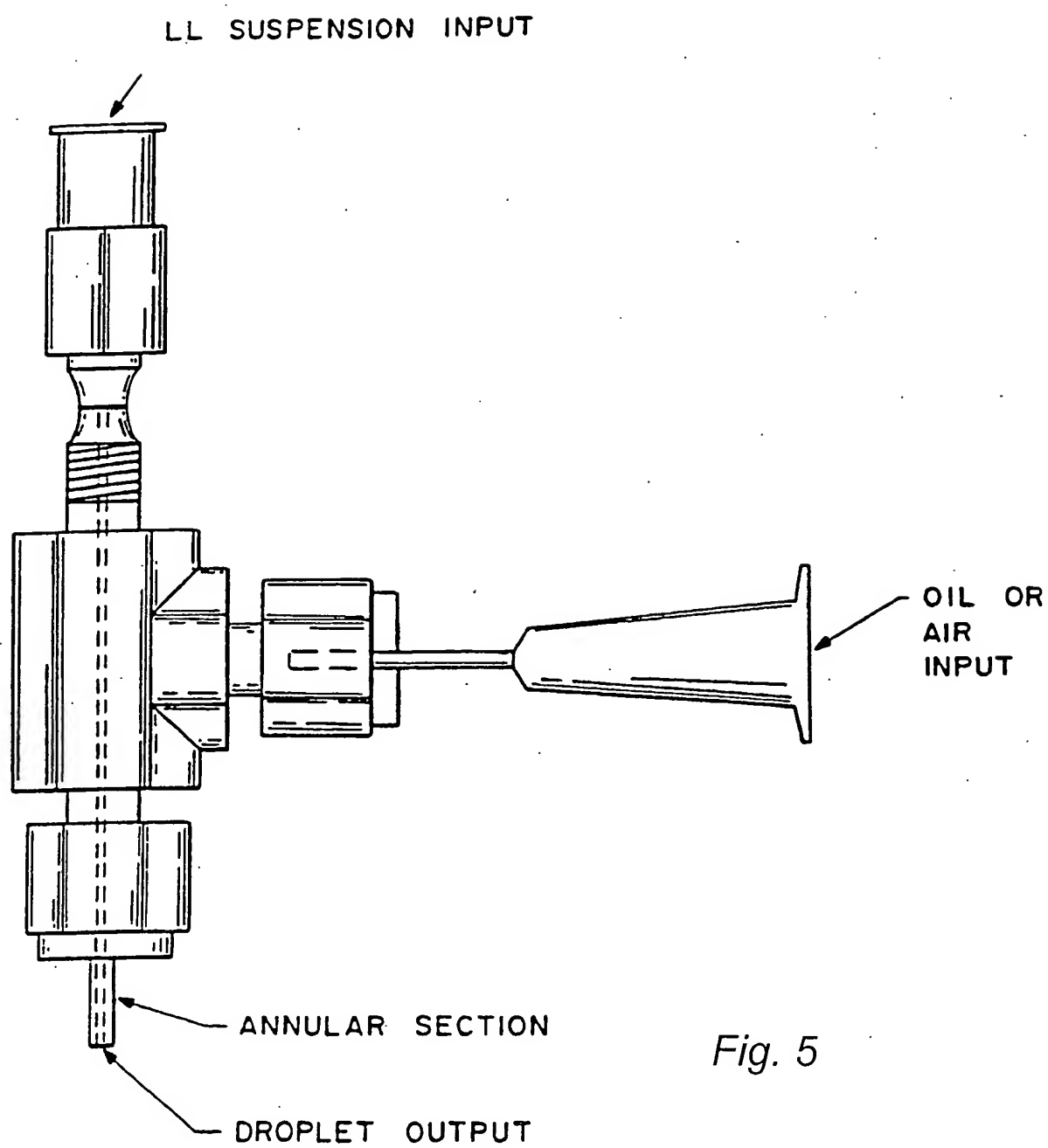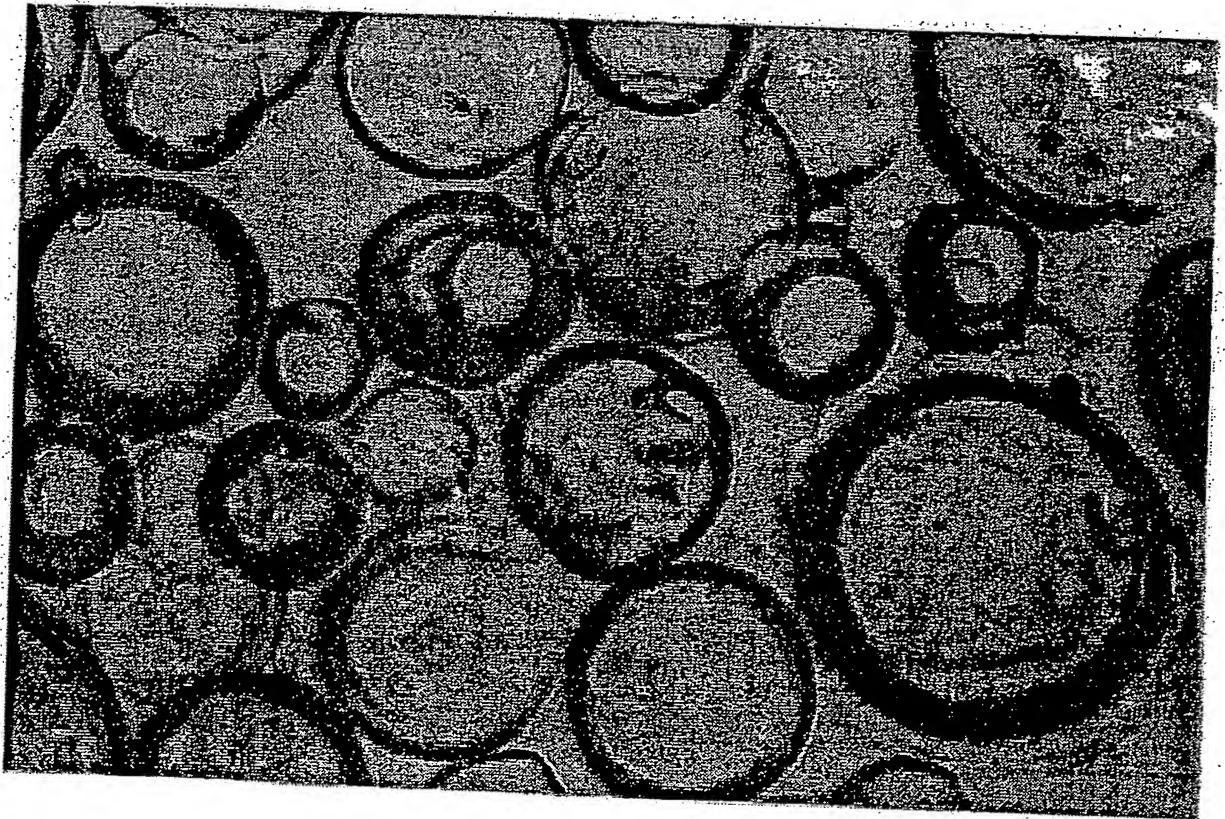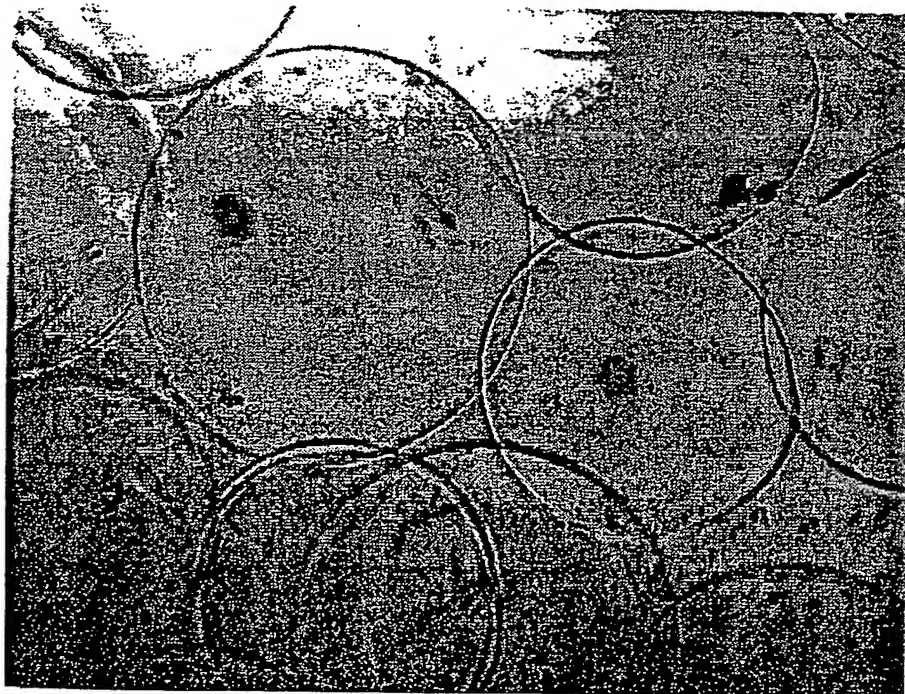*Fig. 5*

Fig. 6

Fig. 7A

Fig. 7B

Fig. 8

Fig. 9

Fig. 10
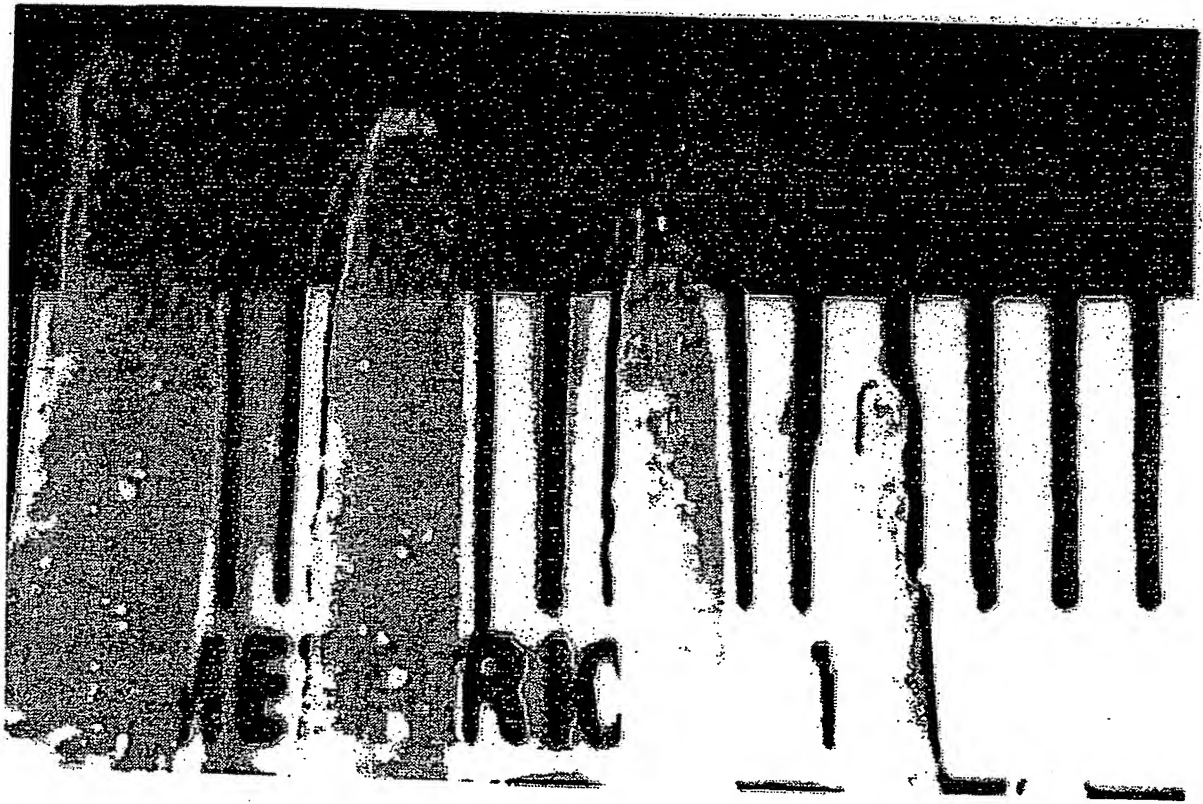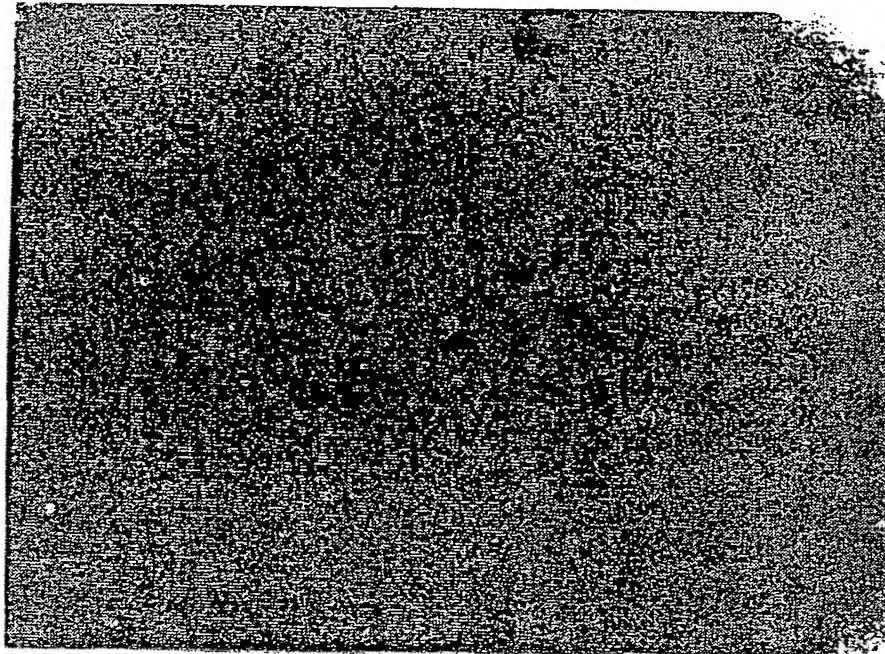

$$y = -17.111 + 8.6370x$$
$$R^2 = 0.966$$
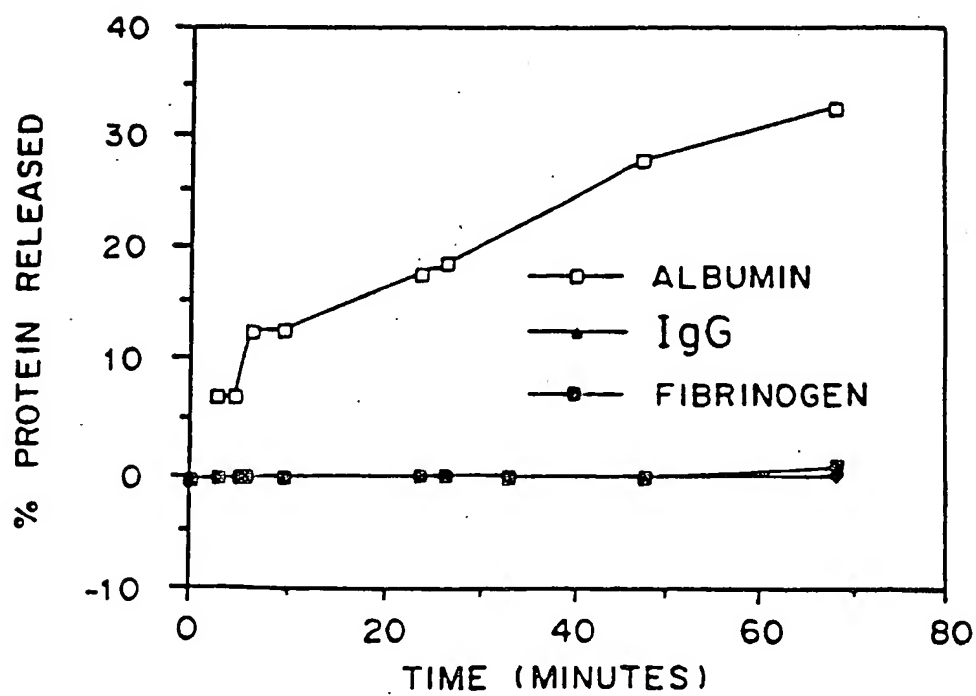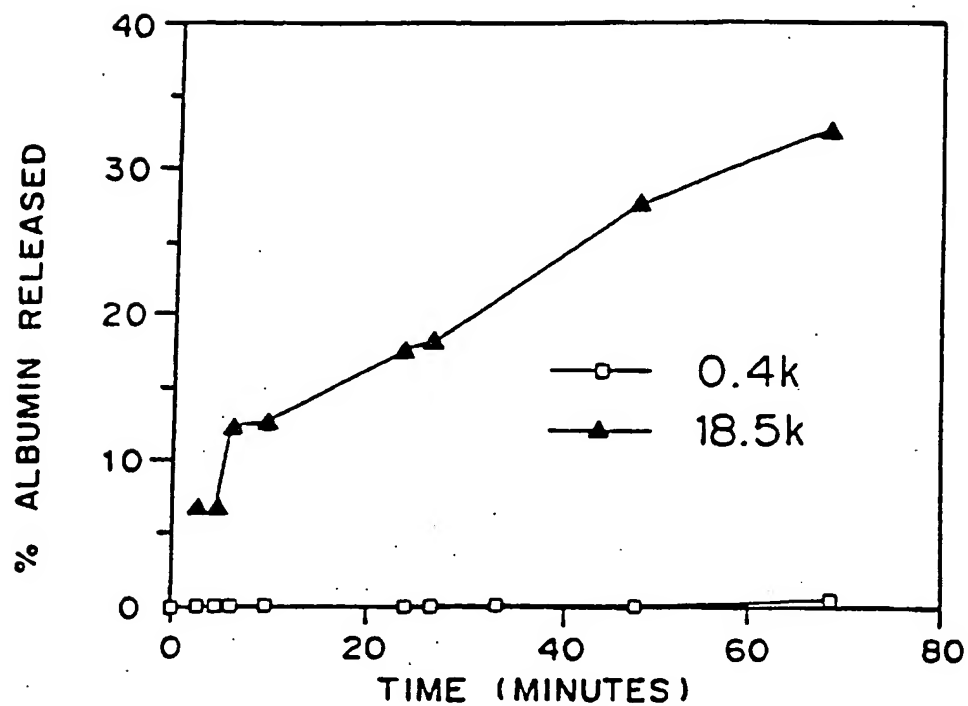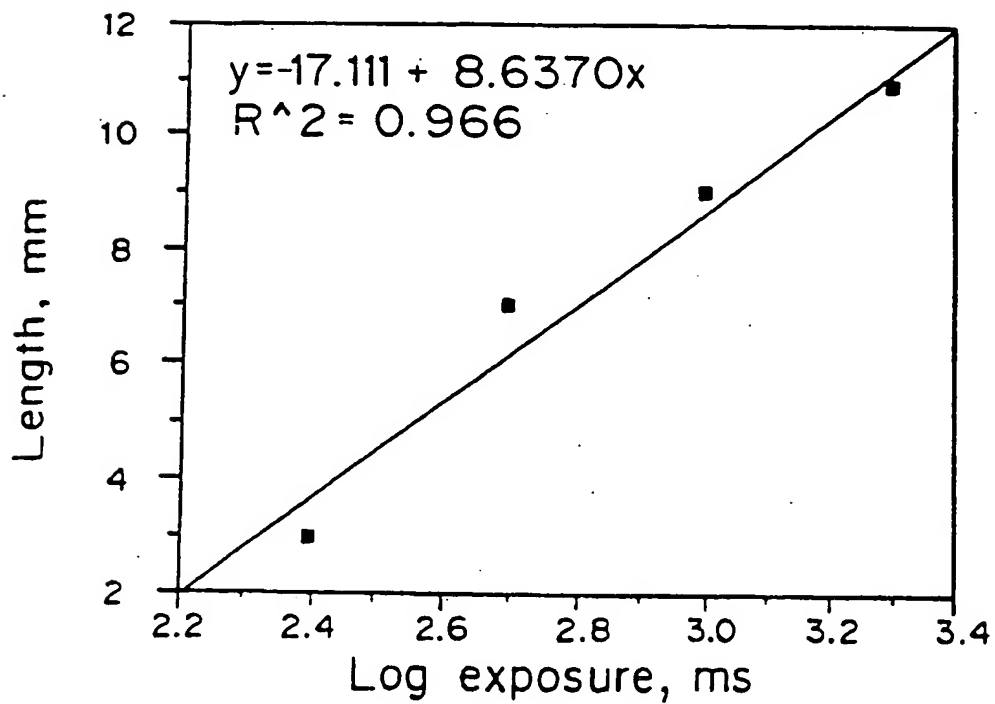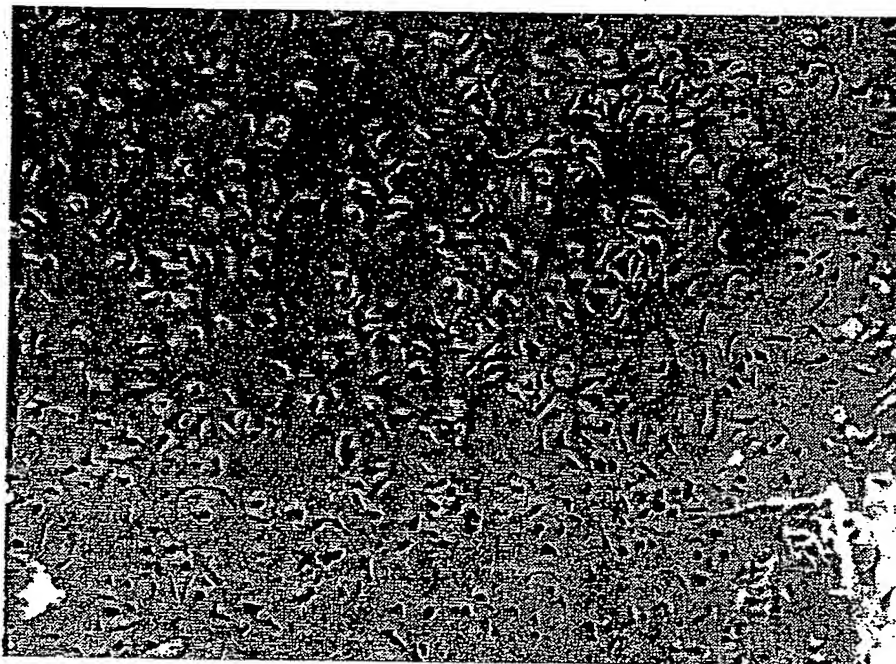
Fig. 11a

Fig. 11B

Fig. 12A

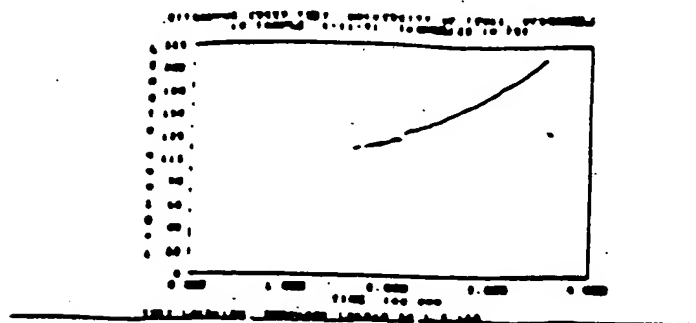Fig. 12B
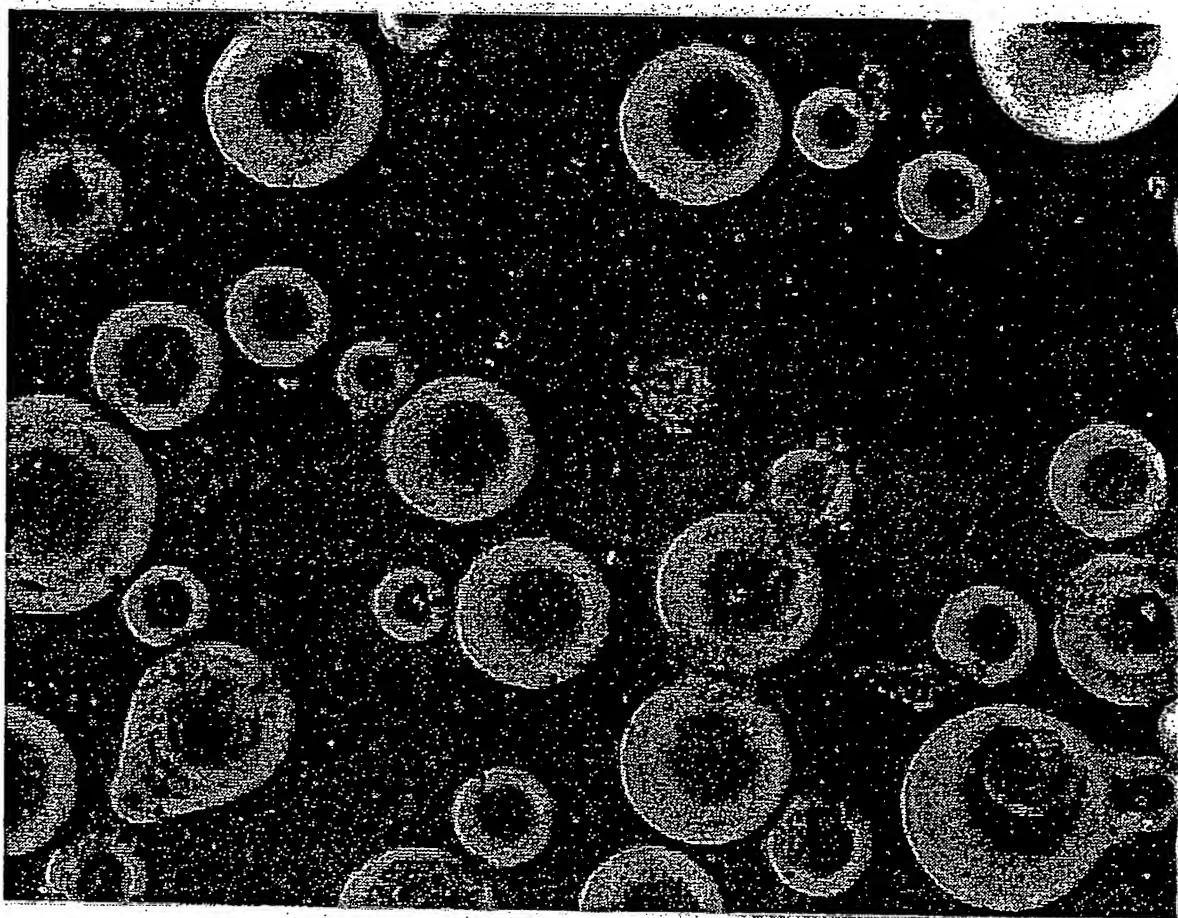
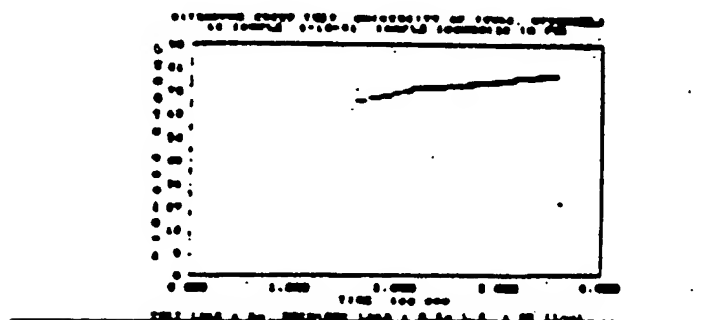Fig. 13

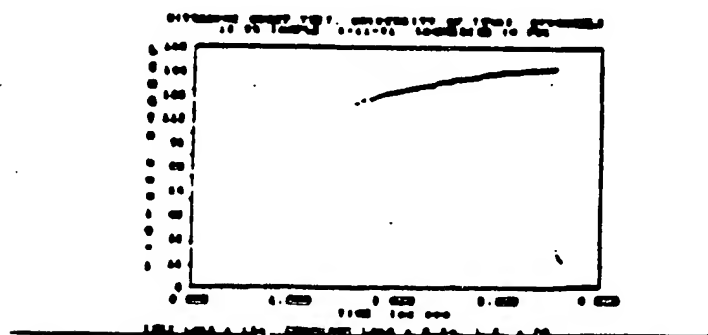Note   ...es labelled "Length" should read "Displac...

1K. Creep Test. Log scale

Fig. 14a

6K. Creep Test. Log scale

Fig. 14b

18 5K. Creep Test. Log scale

Fig. 14c